

Converting Colors

$Y_{xy}(32.1509, 0.4989, 0.3296)$

Have a look what the booklet for
Yxy(32.1509, 0.4989, 0.3296)
contains.

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Color

Yxy(32.1601, 0.4989, 0.3296)

Conversions

Conversions Part 1

Format	Color
Hex	FF6868
RGB	255, 104, 104
RGB Percent	100%, 41%, 41%
CMY	0.0001, 0.5920, 0.5922
CMYK	0.00, 0.59, 0.59, 0.00
HSL	0°, 100%, 70%
HSV	0°, 59%, 100%
XYZ	48.6792, 32.1601, 16.7338
YIQ	149.1490, 89.9960, 32.0120

Conversions

Conversions Part 2

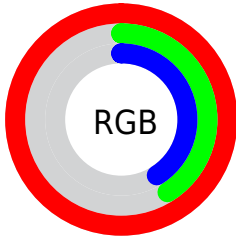
Format	Color
R _Y B	255, 104, 104
Decimal	16738408
CIE Lab	63.47, 57.48, 29.90
CIE LCh	63, 64.787, 27.481
Yxy	32.1601, 0.4989, 0.3296
Android (android.graphics.Color)	4294928488 (0xFFFF6868)
YUV	149.1490, -22.2585, 92.8313
Hunter-Lab	56.7099, 53.9805, 22.2018

Details

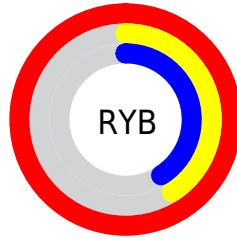
The Yxy color **32.1601, 0.4989, 0.3296** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.6206, 0.2396, 0.3287**, and the grayscale version is **30.1930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7682, 0.4097, 0.3346**, and **13.4559, 0.5565, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **27.3387, 0.5474, 0.3298**, and if you desaturate by 10%, it is **38.6916, 0.4525, 0.3295**.

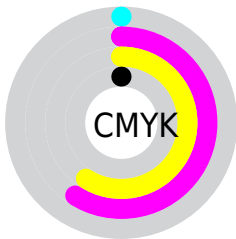
Distribution



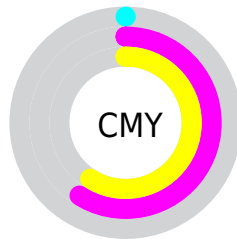
- Red (100%)
- Green (41%)
- Blue (41%)



- Red (100%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1601, 0.4989, 0.3296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 32.1601, 0.4989, 0.3296 by changing the saturation by 10% instead.

 32.1601, 0.4989,
0.3296


 32.1601, 0.4989,
0.3296


311.8479, 0.4002,
0.3355


 21.4838, 0.5243,
0.3258


 63.0620, 0.4622,
0.3334


 13.4781, 0.5570,
0.3194

 84.0564, 0.4486,
0.3344

 7.7586, 0.5997,
0.3083


 109.2589, 0.4373,
0.3349

 3.9409, 0.6571,
0.2887

 139.0540, 0.4276,
0.3353

 1.6405, 0.7444,
0.2556

173.8261, 0.4193,
0.3354

 0.3847, 0.8483,
0.1517

213.9595, 0.4121,

 0.0000, 1.0000,

0.3355

0.0000

259.8386, 0.4058,
0.3355

■ 0.0000, 0.0000,
0.0000

■ 32.1601, 0.4989,
0.3296

■ 32.1601, 0.4989,
0.3296

■ 27.3387, 0.5474,
0.3298

■ 38.6916, 0.4525,
0.3295

■ 24.0631, 0.5915,
0.3299

■ 47.0672, 0.4119,
0.3293

■ 22.1459, 0.6233,
0.3299

■ 57.4138, 0.3781,
0.3292

■ 21.3035, 0.6391,
0.3300

■ 69.8456, 0.3508,
0.3291

■ 21.2558, 0.6401,
0.3300

■ 84.4678, 0.3289,
0.3291

99.9936, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1601, 0.4254, 0.2663



32.1601, 0.4989, 0.3296



32.1601, 0.5068, 0.3988

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.1601, 0.4989, 0.3296



32.1601, 0.2799, 0.4960



32.1601, 0.1716, 0.1851

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.1601, 0.4989, 0.3296



81.6206, 0.2396, 0.3287

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.1601, 0.1476, 0.2142



32.1601, 0.4989, 0.3296



32.1601, 0.2005, 0.3953

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.1601, 0.4989, 0.3296



32.1601, 0.3733, 0.5166



32.1601, 0.1558, 0.2844



32.1601, 0.2290, 0.1874

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.1601, 0.4989, 0.3296



32.1601, 0.4782, 0.4460



32.1601, 0.1558, 0.2844



32.1601, 0.1600, 0.1909

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.1619, 0.4989, 0.3296



71.5273, 0.3478, 0.3291



38.3687, 0.3192, 0.1907



14.4713, 0.3550, 0.3291



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.1619, 0.4989, 0.3296



26.6541, 0.5558, 0.3298



54.6835, 0.4436, 0.4047



17.9882, 0.3295, 0.3291



11.1104, 0.6400, 0.3300



1.0822, 0.6400, 0.3300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



81.6206, 0.2396, 0.3287



80.1486, 0.2321, 0.3287



42.5907, 0.2181, 0.2324



20.4802, 0.2980, 0.3289



41.1106, 0.2246, 0.3286



4.0032, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 32.1601, 0.4989, 0.3296 looks on a white background.

Color Contrast Check

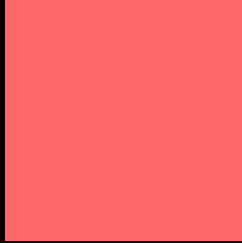
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.1601, 0.4989, 0.3296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.1601, 0.4989, 0.3296

Background



This preview shows how black text looks on a background with the Yxy color 32.1601, 0.4989, 0.3296.



This preview shows how white text looks on a background with the Yxy color 32.1601, 0.4989, 0.3296.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.1601, 0.4989, 0.3296

Protanopia

32.3784, 0.3498, 0.3731

Deuteranopia

32.1696, 0.4065, 0.3981



Tritanopia

32.0863, 0.4922, 0.3229

Trichromacy



Original Color

32.1601, 0.4989, 0.3296

Protanomaly

30.6284, 0.4029, 0.3548

Deuteranomaly

31.0016, 0.4419, 0.3675

Tritanomaly

32.0432, 0.4947, 0.3248

Monochromacy



Original Color

32.1601, 0.4989, 0.3296

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1599, 0.3766, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1601, 0.4989, 0.3296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 104) }
```

Border

The CSS property to change the border of an element to Yxy 32.1601, 0.4989, 0.3296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 104, 104) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 104, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 104, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1601, 0.4989, 0.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
104, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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